# **3DX-RAY**

DETECTION



with tablet and back pack

### ThreatScan®-LS3

Suspect item inspection EOD evaluation Customs control Vehicle scanning Complete system fits in a backpack

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Portable, real-time x-ray scanning system

### ThreatScan®-LS3 is a compact, portable, battery powered x-ray scanning system designed in co-operation with first responders and EOD teams to meet the needs of the field operative.

Quick and simple to deploy, the system produces high quality real-time x-ray images for rapid and accurate decision the image guickly and accurately. making.

These options and the high quality images enable the operator to interpret

The compact detector panel is positioned image on screen to a remote command behind the target; the generator is placed in front. The scan is activated from the laptop imaging station. The smaller 305mm x 256mm imaging area of the ThreatScan®-LS3 still enables the operator to scan suspect items in a single scan.

The I-Gen can penetrate up to 40mm steel at 120kV and up to 60mm at 150kV. The LS3 system produces sub-millimetre resolution images and there is a range of sophisticated image processing functions available including materials discrimination, pan, zoom, DeepFocus™, 3D Emboss, measurement and annotation.

The software can also communicate the centre and save images in JPEG and

other common file formats. The standard package comprises a compact x-ray detector panel (using linear photo-diode array), 120kV or 150kV x-ray generator, laptop computer, ThreatSpect software, batteries,

chargers, wireless communication and transport case.

Options include backpack, tablet pc, tripod, repeater station, spare batteries and chargers, soft carry case, wired and fibre optic cable sets.

Ideal for use by First Responders, EOD teams, Counter Surveillance, and **Customs and Security Operatives** 

#### The system comprises

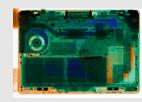
- Acompact detector panel • Aportable and robust x-ray generator (120kV or 150kV)
- A laptop imaging station
- Batteries and chargers
- Wireless communication
- One carry case for whole system
- ThreatSpect software

#### Features

- High penetration with submillimetre resolution
- Compact detector panel
- Real-time images
- Designed for rapid deployment and ease of use
- Powerful image enhancement and analysis tools
- Intuitive, user-friendly ThreatSpect software
- Scans to 3mm above floor level



X-ray of laptop with IED



Materials discrimination



Set of IED devices

DeepFocus™

## **ThreatScan®-LS3**



Sub region enhancement



Penetration behind 25cm concrete



Optional I-Gen stand (360° rotation)



Measurement



Invert

Image / detector resolution640 pixels, 40AWG, 400 micronDynamic range65536 (16-bit)Image acquisition / scan speed2.7 secondsDetector dimensions462mm x 273mm x 35mm (external) (L x H x D)Imaging / scanning area305mm x 256mm / scans to 3mm above floor levelWeight2.7kg (3.2kg with battery)PowerSelf contained rechargeable lithium ion battery (8-hr standby)Communication protocolsWireless 802.11 a/b/g/n (Wired or fibre optic options, TCP/IP ethernet)Operating temperature-20°C to +55°C / MIL-STD-810F 501.4 and 502.4Humidity0% to 95% non-condensingX-Ray Generator (I-Gen)120kV150kVType120kV (30-120kV) 1mAFocal spot size / Beam angle0.5 x 0.5mm / 40° x 40°Pre-warn0-99 secondsPowerSelf contained rechargeable cells (2500mAh) Up to 225 images on one charge (2 hour charge) Mains power optionWeight (without battery)5.5 kg (6.6kg including battery and handle)	X-Ray Detector Panel (LS3)		
Image acquisition / scan speed         2.7 seconds           Detector dimensions         425mm x 25mm / scans to 3mm above floor level           Weight         2.7 kg (3.2 kg with battery)           Power         Self contained rechargeable lithium ion battery (8-hr standby)           Communication protocols         Wireless 802.11 a/b/g/n (Wired or fibre optic options, TCP/IP ethernet)           Operating temperature         -20°C to +55°C / MIL-STD-160F 501.4 and 502.4           Storage temperature         -20°C to +55°C / MIL-STD-160F 501.4 and 502.4           Storage temperature         -20°C to +55°C / MIL-STD-160F 501.4 and 502.4           Humidity         0% to 95% non-condensing           X-Ray Generator (I-Gen)         120k V         150kv (30-700kv) fmA           Penetration         38mm quaranteed, 40mm typical         55mm quaranteed, 40mm typical           Focal spot size / Beam angle         0.5 x 0.5mm / 40° x 40°         150 kV           Pre-warn         0-99 seconds         55 kg (6.kg including battery and handle)           Stef (x w k)         2.5 kg (a.kg including battery and handle)         2.5 kg (a.kg including battery and handle)           Stef (x w k)         2.5 kg (a.kg including battery and handle)         2.5 kg (a.kg including battery and handle)           Stef (x w k)         2.5 kg (a.kg including battery and handle)         2.5 kg (a.kg including battery and handle) <td></td> <td colspan="2"></td>			
Detector dimensions         402mm x 273mm x 35mm (external) (L x H x D)           Imaging / scanning area         305mm x 256mm / scans to 3mm above floor level           Weight         27kg (3.2kg with battery)           Power         Self contained rechargeable lithium ion battery (8-hr standby)           Communication protocols         Wireless 802.11 a/b/g/n (Wired or fibre optic options. TCP/IP ethernet)           Operating temperature         -20°C Le +55°C / ML-STD-SDF 501.4 and 502.4           Humidity         0% to 95% non-condensing           X-Ray Generator (I-Gen)         120kV (30-120kV) fmA           Type         120kV (30-120kV) fmA           Penetration         38mm guaranteed, 40mm typical         55mm guaranteed, 60mm typical           Pre-warn         0.99 seconds         55m guaranteed, 60mm typical           Pre-warn         0.99 seconds         90mm           Stel (L k W x H)         245mm x 180mm x80mm         245mm x 180mm x80mm           Communications         85 (6.6kg including battery and handle)         325 (L k W x H)           Stel (L k W x H)         245mm x 180mm x80mm         245mm x 180mm x80mm           Communications         800m         245mm x 180mm x80mm           Wireless (as standard)         802.11g / up to 120m range (extendable with repeaters)         10m, r50m, 200m           Fibre optic (	Dynamic range		
Hardin A Science 2000 (2010)           Weight         2.7kg (3.2kg with battery)           Power         Self contained rechargeable lithium ion battery (8-hr standby)           Communication protocols         Wireless 802.11 a/b/g/n (Wired or fibre optic optic options, TCP/IP ethernet)           Operating temperature         -2010 to -65°C / MIL-STD-B10F 501.4 and 502.4           Storage temperature         -40°C to +80°C / MIL-STD-B10F 501.4 and 502.4           Humidity         OK to 5% non-condensing           X-Ray Generator (I-Gen)         120kV         150kV (50-150kV) fmA           Yape         120kV (10-120kV) fmA         150kV (50-150kV) fmA           Penetration         38mm guaranteed, 40mm typical         55mm guaranteed, 60mm typical           Focal spot size / Beam angle         0.5 x 0.5mm / 40° x 40°         Pre-warn           Pewer         Self contained rechargeable cells (2500mAh) Up to 225 images on one charge (2 hour charge) Mains power option         Self contained rechargeable cells (2500mAh) Up to 225 images on one charge (2 hour charge)           Wireless (as standard)         802.11g / up to 120m range (extendable with repeaters)         Fibre optic (option)           Site (L x W x H)         245mm x 180mm x 80mm         Communication         Fibre optic (option)           Site (a standard)         802.11g / up to 120m range (extendable with repeaters)         Fibre optic (option) <tr< td=""><td>Image acquisition / scan speed</td><td colspan="2">2.7 seconds</td></tr<>	Image acquisition / scan speed	2.7 seconds	
Weight       2.7kg (3.2kg with battery)         Power       Self contained rechargeable lithium ion battery (8-hr standby)         Communication protocols       Wireless 802.11 a/s/g/n (Wired or fibre optic options, TCP/IP ethemet)         Operating temperature       -20°C to 45°C / MIL-STD-810F 501.4 and 502.4         Storage temperature       -40°C to 45°C / MIL-STD-810F 501.4 and 502.4         Humidity       Dik to 95% non-condensing         X-Ray Generator (I-Gen)       120kV       150kV         Prevention       38mm guaranteed, 40mm typical       55mm guaranteed, 60mm typical         Poetration       38mm guaranteed, 40mm typical       55mm guaranteed, 60mm typical         Pre-warn       0-99 seconds       0.5x 0.5mm / 40° x 40°         Pre-warn       0-99 seconds       0.5x 0.5mm / 100m x 80mm         Communications       Self contained rechargeable cells (2500mAh)       0.5k 0.5mm / 100m x 80mm         Communications       Self contained rechargeable cells (2500mAh)       0.5k 0.5mm         Wireless (as standard)       802.11g / up to 120m range (extendable with repeaters)       0.5k 0.5mm         Size (L x W x H)       25k of 6.6kg including battery and handle)       2.5k of 6.6kg including battery and handle)       2.5k of 6.6kg including battery and handle)         Size (L x W H)       25k of 6.6kg including to be confirmed & agreed at order stage	Detector dimensions	462mm x 273mm x 35mm (external) (L x H x D)	
Power         Self contained rechargeable lithium ion battery (8-hr standby)           Operating temperature         -20°C to +56°C / ML-STD-810F 5014 and 502.4           Storage temperature         -40°C to +80°C / ML-STD-810F 5014 and 502.4           Humidity         D8k to 55% non-condensing           X-Ray Generator (I-Gen)         120kV         150kV (30-150kV) fmA           Storage temperature         -30°C to +80°C / ML-STD-810F 5014 and 502.4           Humidity         D8k to 55% non-condensing           X-Ray Generator (I-Gen)         120kV         150kV (30-150kV) fmA           Storage temperature         -0°C to +80°C / ML-STD-810F 5014 and 502.4           Penetration         38mm guaranteed, 40mm typical         55mm guaranteed, 40mm typical           Pre-warn         0-90 seconds         55mm guaranteed, 40mm typical           Pre-warn         0-90 seconds         100 c/2 sing secon one charge (2 hour charge)           Weight (without battery)         5.5 kg (6.6 kg including battery and handle)         25ke (kk w k H)           Communications         Wreless (as standard)         802.11g / up to 120m range (extendable with repeaters)           Fibre optic (option)         100m. 150m, 200m         10mm saystand and segree dt order stage           Processor         Instel core i5-4200U, Joual Core         10s4'5 4'10 High Detinition (1366x766) LED Display with AntiGlare <td>Imaging / scanning area</td> <td colspan="2">305mm x 256mm / scans to 3mm above floor level</td>	Imaging / scanning area	305mm x 256mm / scans to 3mm above floor level	
Communication protocols Wireless 802.11 a/b/g/n (Wired or fibre optice, pt0rs, TCP/IP ethernet) Operating temperature -20°C to +55°C / ML-STD-810F 501.4 and 502.4 Vireless 802.11 a/b/g/n (Wired or fibre optice optices, TCP/IP ethernet) -20°C to +55°C / ML-STD-810F 501.4 and 502.4 Vireless 802.11 a/b/g/n (Wired or fibre optice optices, TCP/IP ethernet) Vireless 802.11 a/b/g/n (Wired or fibre optice optices, TCP/IP ethernet) -20°C to +55°C / ML-STD-810F 501.4 and 502.4 Vireless 802.11 a/b/g/n (Wired or fibre optice optices, TCP/IP ethernet) -20°C to +55°C / ML-STD-810F 501.4 and 502.4 Vireless 802.11 a/b/g/n (Wired or fibre optice optice), TCP/IP ethernet) X-Ray Generator (I-Gen) X-Ray A-Ray Generator (I-Gen) X-Ray A-Ray Generator (I-Gen) X-Ray A-Ray Generator (I-Gen) X-Ray A-Ray Core X-Ray A-Ray X-Ray Source parameters (RV, mA & time) X-Ray A-Ray Core A-RAY SOURCE PARAMETA X-RAY A-RAY CORE A-RAY SOURCE PARAM	Weight	2.7kg (3.2kg with battery)	
Operating temperature         -20°C to +55°C / MIL-STD-810F 501.4 and 502.4           Storage temperature         -40°C to +50°C / MIL-STD-810F 501.4 and 502.4           Humidity         0% to 95% non-condensing           X-Ray Generator (I-Gen)         120kV           Type         120kV (30-120kV) 1mA           Penetration         98m guaranteed. 40mm typical           Focal spot size / Beam angle         0.5 x 0.5mm / 40° x 40°           Pre-warn         0-99 seconds           Power         Self contained rechargeable cells (2500mAh) Up to 225 migaes on one charge (2 hour charge) Mains power option           Size (L x W x h)         245mm x 180mm x80mm           Communications         Wireless (as standard)           B02.11g / up to 120m range (extendable with repeaters)           100m, 150m, 200m         15 cf spot size / basin           Ethernet (option)         25m, 50m           Type         Laptop computer (ruggedised / tablet options available)           * /* C Specification to be confirmed & agreed at order stoge           Processor         Intel Core i5-4200U, Dual Core           Dipplay         15 s <sup>6</sup> r LH High Definition (136xX768) LED Display with AntiGlare           Memory         40B 1600MHz DDR3L (RAM)           Software Features         Adjustable x-ray source parameters (kV, mA & time)           Stand	Power	Self contained rechargeable lithium ion battery (8-hr standby)	
Storage temperature     -40°C to +80°C / MIL-STD-810°F 501.4 and 502.4       Humidity     0% to 95% non-condensing       X-Ray Generator (I-Gen)     120kV (30-150kV) 1mA       Type     120kV (30-120kV) 1mA       Penetration     38mm guaranteed, 40mm typical       Storage tamperature     0.5 x 0.5mm / 40° x 40°       Pre-warn     0-99 seconds       Power     Set contained inchargeable cells (2500mAh) UP to 225 images on one charge (2 hour charge) Mains power option       Weight (without battery)     5.5 kg (6.6 kg including battery and handle)       Size (L x W x H)     245mm x 180mm x 80mm       Communications     802.11g / up to 120m range (extendable with repeaters)       Wireless (as standard)     802.11g / up to 120m range (astendable with repeaters)       Fibre optic (option)     100m, 150m, 200m       Ethernet (option)     25m, 50m       Imaging Station*     Type       Laptop computer (ruggedised / tablet options available)       * PC specification to be confirmed & agreed at order stage       Processor     Intel Core IS-4200U, Dual Core       Display     496 1600MHz DDR3L (RAM)       Hard Drive     50060 Serial ATA Hard Drive       Operating System     English M Windows       Software Features     Adjustable x-ray source parameters (kV, mA & time)       Standard, Inverted and False Colour images Rotate, Histogram, Pan, Zoom, DeepFocus*	Communication protocols	Wireless 802.11 a/b/g/n (Wired or fibre optic options, TCP/IP ethernet)	
Humidity     Dot Core       Vertex Set non-condensing       X-Ray Generator (I-Gen)     120kV       Type     120kV (30-120kV) 1mA       Pre-exam     0.5 x 0.5mm / 40' x 40'       Pre-warn     099 seconds       Power     Setf contined rechargeable cells (2500mAh) Up to 225 images on one charge (2 hour charge) Mains power option       Wireless (as standard)     802.11g / up to 120m range (extendable with repeaters)       Fibre optio (option)     100m, 150m, 200m       Ethernet (option)     25m, 50m       Imaging Station*     Type       Laptop computer (ruggedised / tablet options available) * PC specification to be confirmed & agreed at order stage       Processor     Intel Core 15-4200U, Dual Core       Display     456 Foull High Definition (1366x768) LED Display with AntiGlare       Memory     468 HoOMHz DDR3L (FAM)       Hard Drive     Software Features       Software Features     Adjustable x-ray source parameters (kV, mA & time) Standard, inverted and False Colour images Rotate, Histogram, Pan, Zoom, DeepFocus* On-screen Measurement and Annotation (option) Multi-file format import (option) Multi-fouch functionality for tablet based operation (option)       Safety     Physical safety interlook plus key switch Audible & visible warning signs CE compliant	Operating temperature	-20°C to +55°C / MIL-STD-810F 501.4 and 502.4	
Arbit Generator (I-Gen)         120kV         150kV           Type         120kV (30-120kV) ImA         150kV (30-150kV) ImA           Penetration         38mm guaranteed, 40mm typical         55mm guaranteed, 60mm typical           Focal spot size / Beam angle         0.5 x 0.5mm / 40' x 40'         55mm guaranteed, 60mm typical           Pre-warn         0-99 seconds         55mm guaranteed, 200mAh)         55kg (6.6kg including battery and handle)           Size (L x W x H)         245mm x 180mm x 80mm         65kg including battery and handle)         55kg (6.6kg including battery and handle)           Size (L x W x H)         245mm x 180mm x 80mm         60mmunications         60mmunications           Wireless (as standard)         802.11g / up to 120m range (extendable with repeaters)         100m, 150m, 200m           Ethernet (option)         100m, 150m, 200m         245mm x 180mm x 80mm         60mmunications           Imaging Station*         1         102k / rul High Definition (1366x768) LED Display with AntiGlare         468 1600MHz DDR3L (RAM)           Hard Drive         500G Serial ATA Hard Drive         500G Serial ATA Hard Drive         100m range Stathart           Operating System         English MS Windows         50ftware Features         Adjustable x-ray source parameters (kV, mA & time)         51mdard, Inverted and False Colour images Rotate, Histogram, Pan, Zoom, DeepFocus*On-Screen Measurement and A	Storage temperature	-40°C to +80°C / MIL-STD-810F 501.4 and 502.4	
Type         120kV (30-120kV) 1mA         150kV (30-150kV) 1mA           Penetration         38mm guaranteed, 40mm typical         55mm guaranteed, 60mm typical           Focal spot size / Beam angle         0.5 x 0.5mm / 40" x 40"         0.5 x 0.5mm / 40" x 40"           Pre-warn         0-99 seconds         Self contained rechargeable cells (2500mAh)         0.5 x 0.5mm / 40" x 40"           Weight (without battery)         5.5 kg (6.6kg including battery and handle)         382 (L x W x H)         245mm x 180mm x 80mm           Communications         Wireless (as standard)         802.11g / up to 120m range (extendable with repeaters)         100m, 150m, 200m           Ethernet (option)         100m, 150m, 200m         Ethernet (option)         25m, 50m           Imaging Station*         Type         Laptop computer (ruggedised / tablet options available)         * PC specification to be confirmed & agreed at order stage           Processor         Intel Orer i6-4200U, Dual Core         100k/ 420 PR3L (RAM)         100k/ 420 PR3L (RAM)           Hard Drive         500GB Serial ATA Hard Drive         500GB Serial ATA Hard Drive         100k/ 420 PR3L (RAM)           Software Features         Adjustable x-ray source parameters (kV, mA & time)         15.andard, Inverted and False Colour images Rotate, Histogram, Pan, Zom, DeepFocus* On-screen Measurement and Annotation (options) Materials Discrimination and 3D         100m (option)         100m (option)	Humidity	0% to 95% non-condensing	
Pretration       38mm guaranteed, 40mm typical       55mm guaranteed, 60mm typical         Focal spot size / Beam angle       0.5 x 0.5mm / 40' x 40'       0         Pre-warn       0-99 seconds       0         Power       Self contained rechargeable cells (2500mAh) Up to 225 images on one charge (2 hour charge) Mains power option       55 kg (6.6kg including battery and handle)         Size (L x W x H)       245mm x 180mm x 80mm       0         Communications       802.11g / up to 120m range (extendable with repeaters)       100m, 150m, 200m         Ethernet (option)       100m, 150m, 200m       100m, 150m, 200m         Imaging Station*       Type       Laptop computer (ruggedised / tablet options available) * PC specification to be confirmed & agreed at order stage         Processor       Intel Core i5-4200U, Dual Core       105/F Full High Definition (136x768) LED Display with AntiGlare         Memory       40B 1600MHz DDR3L (RAM)       500GB Serial ATA Hard Drive       500GB Serial ATA Hard Drive         Operating System       English MS Windows       55       514 dain dain, Inverted and False Colour images Rotate, Histogram, Pan, Zoon, DeepFocus** On-screen Measurement       and Annotation (options) Materials Discrimination and 3D       52         Software Features       Adjustable x-ray source parameters (kV, mA & time)       53       53         Software features       Adjustable x-ray source parameters (	X-Ray Generator (I-Gen)	120kV	150kV
Focal spot size / Beam angle       0.5 x 0.5 m / 40" x 40"         Pre-warn       0-99 seconds         Power       Self contained rechargeable cells (2500mAh) Up to 225 images on one charge (2 hour charge) Mains power option         Weight (without battery)       5.5 kg (6.6kg including battery and handle)         Size (L x W x H)       245mm x 180mm x 80mm         Communications       802.11g / up to 120m range (extendable with repeaters)         Fibre optic (option)       100m, 150m, 200m         Ethernet (option)       25m, 50m         Imaging Station*       Type         Laptop computer (ruggedised / tablet options available)       * PC specification to be confirmed & agreed at order stage         Processor       Intel Core 15-4200U, Dual Core         Display       45.6" Full High Definition (1366x768) LED Display with AntiGlare         Memory       406 1600MHz DDR3L (RAM)         Hard Drive       500GB Serial ATA Hard Drive         Operating System       English MS Windows         Software Features       Adjustable x-ray source parameters (kV, mA & time)         Standard, Inverted and False Colour images Rotate,       Histogram, Pan, Zoom, DeepFocus* On-screen Measurement         and Annotation (option)       Materials Discrimination and 3D       Emboss (option) Image Stitching (option) Multi-file format         import (option) Multi-touch functional	Туре	120kV (30-120kV) 1mA	150kV (30-150kV) 1mA
Pre-warn     0-99 seconds       Power     Self contained rechargeable cells (2500mAh) Up to 225 images on one charge (2 hour charge) Mains power option       Weight (without battery)     5.5 kg (6.6 kg including battery and handle)       Size (L x W x H)     245mm x 180mm x 80mm       Communications     802.11g / up to 120m range (extendable with repeaters)       Fibre optic (option)     100m, 150m, 200m       Ethernet (option)     25m, 50m       Imaging Station*     Type       Laptop computer (ruggedised / tablet options available) * PC specification to be confirmed & agreed at order stage       Processor     Intel Core i5-4200U, Dual Core       Display     15.6* Full High Definition (1366x768) LED Display with AntiGlare       Memory     408 1600MHz DDR3L (RAM)       Yage     English MS Windows       Software Features     Adjustable x-ray source parameters (kV, mA & time)       Standard, Inverted and False Colour images Rotate, Histogram, Pan, Zoom, DeepFocus** On-screen Measurement and Annotation (options) Materials Discrimination and 3D Emboss (options) Image Stitching (option) Multi-file format import (option) Multi-touch functionality for tablet based operation (option)       Safety     Physical safety interlock plus key switch Audible & visible warning signs CE compliant	Penetration	38mm guaranteed, 40mm typical	55mm guaranteed, 60mm typical
Power       Self contained rechargeable cells (2500mAh) Up to 225 images on one charge (2 hour charge) Mains power option         Weight (without battery)       5.5 kg (6.6kg including battery and handle)         Size (L x W x H)       245mm x 180mm x 80mm         Communications       Communications         Wireless (as standard)       802.11g / up to 120m range (extendable with repeaters)         Fibre optic (option)       100m, 150m, 200m         Ethernet (option)       25m, 50m         Imaging Station*       Type         Laptop computer (ruggedised / tablet options available) * PC specification to be confirmed & agreed at order stage         Processor       Intel Core i5-4200U, Dual Core         Display       15.6* Full High Definition (1366x768) LED Display with AntiGlare         Memory       4GB 1600MHz DDR3L (RAM)         Hard Drive       500GB Serial ATA Hard Drive         Operating System       English MS Windows         Software Features       Adjustable x-ray source parameters (kV, mA & time)         Standard, Inverted and False Colour images Rotate, Histogram, Pan, Zoom, DeepFocus* On-screen Measurement and Annotation (options) Materials Discrimination and 3D Emboss (option) Multi-touch functionality for tablet based operation (option)         Stafety       Physical safety interlock plus key switch Audible & visible warring signs CE compliant	Focal spot size / Beam angle	0.5 x 0.5mm / 40° x 40°	
Selic Outraling Jeal and Selic Sciences and and and the series (2 hour charge)         Weight (without battery)       5.5 kg (6.6 kg including battery and handle)         Size (L x W x H)       245mm x 180mm x 80mm         Communications         Wireless (as standard)       802.11g / up to 120m range (extendable with repeaters)         Fibre optic (option)       100m, 150m, 200m         Ethernet (option)         Joint Size (J and Size (J	Pre-warn	0-99 seconds	
Size (L x W x H)       245mm x 180mm x 80mm         Communications       802.11g / up to 120m range (extendable with repeaters)         Fibre optic (option)       100m, 150m, 200m         Ethernet (option)       25m, 50m         Imaging Station*       Type         Laptop computer (ruggedised / tablet options available)       * PC specification to be confirmed & agreed at order stage         Processor       Intel Core i5-4200U, Dual Core         Display       15.6* Full High Definition (1366x768) LED Display with AntiGlare         Memory       4GB 1600MHz DDR3L (RAM)         Solde Serial ATA Hard Drive       English MS Windows         Software Features       Adjustable x-ray source parameters (kV, mA & time)         Standard, Inverted and False Colour images Rotate,       Histogram, Pan, Zoom, DeepFocus** On-screen Measurement         and Annotation (options) Multi-fule format       import (option) Multi-touch functionality for tablet based         operating (option)       Suffers)       Physical safety interlock plus key switch         Audible & visible warning signs       CE compliant	Power	Up to 225 images on one charge (2 hour charge)	
Size (EXWXR)       Bit (EXWXR)         Communications       802.11g / up to 120m range (extendable with repeaters)         Fibre optic (option)       100m, 150m, 200m         Ethernet (option)       25m, 50m         Imaging Station*       Type         Laptop computer (ruggedised / tablet options available)       *         * PC specification to be confirmed & agreed at order stage         Processor       Intel Core i5-4200U, Dual Core         Display       15.6* Full High Definition (1366x768) LED Display with AntiGlare         Memory       46B 1600MHz DDR3L (RAM)         Hard Drive       500GB Serial ATA Hard Drive         Operating System       English MS Windows         Software Features       Adjustable x-ray source parameters (kV, mA & time)         Standard, Inverted and False Colour images Rotate,       Histogram, Pan, Zoom, DeepFocus** On-screen Measurement         and Annotation (options) Materials Discrimination and 3D       Emboss (options) Image Stitching (option) Multi-file format         import (option)       Multi-touch functionality for tablet based       operation (option)         Safety       Physical safety interlock plus key switch       Aduble & visible warning signs         Cc compliant       Cc compliant       Cc compliant	Weight (without battery)	5.5 kg (6.6kg including battery and handle)	
Wireless (as standard)       802.11g / up to 120m range (extendable with repeaters)         Fibre optic (option)       100m, 150m, 200m         Ethernet (option)       25m, 50m         Imaging Station*       Type         Type       Laptop computer (ruggedised / tablet options available) * PC specification to be confirmed & agreed at order stage         Processor       Intel Core i5-4200U, Dual Core         Display       15.6" Full High Definition (1366x768) LED Display with AntiGlare         Memory       4GB 1600MHz DDR3L (RAM)         Hard Drive       500GB Serial ATA Hard Drive         Operating System       English MS Windows         Software Features       Adjustable x-ray source parameters (kV, mA & time)         Standard, Inverted and False Colour images Rotate,       Histogram, Pan, Zoom, DeepFocus** On-screen Measurement         and Annotation (options)       Materials Discrimination and 3D         Emboss (options)       Image Stitching (option) Multi-file format         import (option)       Multi-touch functionality for tablet based         operation (option)       Safety	Size (L x W x H)	245mm x 180mm x 80mm	
Fibre optic (option)       100m, 150m, 200m         Imaging Station*       Imaging Station*         Type       Laptop computer (ruggedised / tablet options available)         * PC specification to be confirmed & agreed at order stage         Processor       Intel Core i5-4200U, Dual Core         Display       15.6* Full High Definition (1366x768) LED Display with AntiGlare         Memory       4GB 1600MHz DDR3L (RAM)         Software Features       Software Software         Software Features       Adjustable x-ray source parameters (kV, mA & time)         Standard, Inverted and False Colour images Rotate,       Histogram, Pan, Zoom, DeepFocus** On-screen Measurement         and Annotation (options)       Materials Discrimination and 3D       Emboss (options) Image Stitching (option) Multi-file format         import (option)       Nulti-fue format       import (option)       Multi-fue format         Stafety       Physical safety interlock plus key switch       Audible & visible warning signs       CE compliant	Communications		
Ethernet (option)       25m, 50m         Imaging Station*       Type         Type       Laptop computer (ruggedised / tablet options available) * PC specification to be confirmed & ogreed at order stage         Processor       Intel Core i5-4200U, Dual Core         Display       15.6° Full High Definition (1366x768) LED Display with AntiGlare         Memory       4GB 1600MHz DDR3L (RAM)         Hard Drive       500GB Serial ATA Hard Drive         Operating System       English MS Windows         Software Features       Adjustable x-ray source parameters (kV, mA & time)         Standard, Inverted and False Colour images Rotate,       Histogram, Pan, Zoom, DeepFocus** On-screen Measurement         and Annotation (options) Materials Discrimination and 3D       Emboss (options) Image Stitching (option) Multi-file format         import (option)       Multi-touch functionality for tablet based       operation (option)         Safety       Physical safety interlock plus key switch       Audible & visible warning signs         CE compliant       CE compliant       CE compliant	Wireless (as standard)	802.11g / up to 120m range (extendable with repeaters)	
Imaging Station*         Type       Laptop computer (ruggedised / tablet options available) * PC specification to be confirmed & agreed at order stage         Processor       Intel Core i5-4200U, Dual Core         Display       15.6" Full High Definition (1366x768) LED Display with AntiGlare         Memory       4GB 1600MHz DDR3L (RAM)         Hard Drive       500GB Serial ATA Hard Drive         Operating System       English MS Windows         Software Features       Adjustable x-ray source parameters (kV, mA & time)         Standard, Inverted and False Colour images Rotate,       Histogram, Pan, Zoom, DeepFocus** On-screen Measurement         and Annotation (options) Materials Discrimination and 3D       Emboss (options) Image Stitching (option) Multi-file format         import (option)       Multi-touch functionality for tablet based operation (option)         Safety       Physical safety interlock plus key switch         Audible & visible warning signs       CE compliant	Fibre optic (option)	100m, 150m, 200m	
Type       Laptop computer (ruggedised / tablet options available)         * PC specification to be confirmed & agreed at order stage         Processor       Intel Core i5-4200U, Dual Core         Display       15.6° Full High Definition (1366x768) LED Display with AntiGlare         Memory       4GB 1600MHz DDR3L (RAM)         Hard Drive       500GB Serial ATA Hard Drive         Operating System       English MS Windows         Software Features       Adjustable x-ray source parameters (kV, mA & time)         Standard, Inverted and False Colour images Rotate,       Histogram, Pan, Zoom, DeepFocus" On-screen Measurement         and Annotation (options) Materials Discrimination and 3D       Emboss (options) Image Stitching (option) Multi-file format         import (option) Multi-touch functionality for tablet based operation (option)       operation (option)         Safety       Physical safety interlock plus key switch         Audible & visible warning signs       CE compliant	Ethernet (option)	25m, 50m	
* PC specification to be confirmed & agreed at order stage         Processor       Intel Core i5-4200U, Dual Core         Display       15.6" Full High Definition (1366x768) LED Display with AntiGlare         Memory       4GB 1600MHz DDR3L (RAM)         Hard Drive       500GB Serial ATA Hard Drive         Operating System       English MS Windows         Software Features       Adjustable x-ray source parameters (kV, mA & time)         Standard, Inverted and False Colour images Rotate,       Histogram, Pan, Zoom, DeepFocus" On-screen Measurement         and Annotation (options) Materials Discrimination and 3D       Emboss (options) Image Stitching (option) Multi-file format         import (option) Multi-touch functionality for tablet based operation (option)       Physical safety interlock plus key switch         Audible & visible warning signs       CE compliant	Imaging Station*		
Display       15.6" Full High Definition (1366x768) LED Display with AntiGlare         Memory       4GB 1600MHz DDR3L (RAM)         Hard Drive       500GB Serial ATA Hard Drive         Operating System       English MS Windows         Software Features       Adjustable x-ray source parameters (kV, mA & time)         Standard, Inverted and False Colour images Rotate,       Histogram, Pan, Zoom, DeepFocus" On-screen Measurement         and Annotation (options) Materials Discrimination and 3D       Emboss (options) Image Stitching (option) Multi-file format         import (option) Multi-touch functionality for tablet based operation (option)       Physical safety interlock plus key switch         Audible & visible warning signs       CE compliant	Туре		
Memory       4GB 1600MHz DDR3L (RAM)         Hard Drive       500GB Serial ATA Hard Drive         Operating System       English MS Windows         Software Features       Adjustable x-ray source parameters (kV, mA & time)         Standard, Inverted and False Colour images Rotate,       Histogram, Pan, Zoom, DeepFocus <sup>™</sup> On-screen Measurement         and Annotation (options) Materials Discrimination and 3D       Emboss (options) Image Stitching (option) Multi-file format         import (option) Multi-touch functionality for tablet based operation (option)       operation (option)         Safety       Physical safety interlock plus key switch         Audible & visible warning signs       CE compliant	Processor	Intel Core i5-4200U, Dual Core	
Hard Drive       500GB Serial ATA Hard Drive         Operating System       English MS Windows         Software Features       Adjustable x-ray source parameters (kV, mA & time)         Standard, Inverted and False Colour images Rotate,       Histogram, Pan, Zoom, DeepFocus™ On-screen Measurement         and Annotation (options) Materials Discrimination and 3D       Emboss (options) Image Stitching (option) Multi-file format         import (option) Multi-touch functionality for tablet based operation (option)       operation (option)         Safety       Physical safety interlock plus key switch         Audible & visible warning signs       CE compliant	Display	15.6" Full High Definition (1366x768) LED Display with AntiGlare	
Dirive       English MS Windows         Software Features       Adjustable x-ray source parameters (kV, mA & time)         Standard, Inverted and False Colour images Rotate,       Histogram, Pan, Zoom, DeepFocus™ On-screen Measurement         and Annotation (options) Materials Discrimination and 3D       Emboss (options) Image Stitching (option) Multi-file format         import (option) Multi-touch functionality for tablet based operation (option)       operation (option)         Safety       Physical safety interlock plus key switch         Audible & visible warning signs       CE compliant	Memory		
Software Features         Adjustable x-ray source parameters (kV, mA & time)         Standard, Inverted and False Colour images Rotate,         Histogram, Pan, Zoom, DeepFocus™ On-screen Measurement         and Annotation (options) Materials Discrimination and 3D         Emboss (options) Image Stitching (option) Multi-file format         import (option) Multi-touch functionality for tablet based         operation (option)         Safety         Physical safety interlock plus key switch         Audible & visible warning signs         CE compliant	Hard Drive		
Adjustable x-ray source parameters (kV, mA & time)         Standard, Inverted and False Colour images Rotate,         Histogram, Pan, Zoom, DeepFocus <sup>™</sup> On-screen Measurement         and Annotation (options) Materials Discrimination and 3D         Emboss (options) Image Stitching (option) Multi-file format         import (option) Multi-touch functionality for tablet based         operation (option)         Safety         Physical safety interlock plus key switch         Audible & visible warning signs         CE compliant	Operating System	English MS Windows	
Standard, Inverted and False Colour images Rotate,         Histogram, Pan, Zoom, DeepFocus <sup>™</sup> On-screen Measurement         and Annotation (options) Materials Discrimination and 3D         Emboss (options) Image Stitching (option) Multi-file format         import (option) Multi-touch functionality for tablet based         operation (option)         V         Safety         Physical safety interlock plus key switch         Audible & visible warning signs         CE compliant	Software Features		
Histogram, Pan, Zoom, DeepFocus™ On-screen Measurement         and Annotation (options) Materials Discrimination and 3D         Emboss (options) Image Stitching (option) Multi-file format         import (option) Multi-touch functionality for tablet based         operation (option)         Safety         Physical safety interlock plus key switch         Audible & visible warning signs         CE compliant		Adjustable x-ray source parameters (kV, mA & time)	
and Annotation (options) Materials Discrimination and 3D         Emboss (options) Image Stitching (option) Multi-file format         import (option) Multi-touch functionality for tablet based         operation (option)         Safety         Physical safety interlock plus key switch         Audible & visible warning signs         CE compliant		Standard, Inverted and False Colour images Rotate,	
Emboss (options) Image Stitching (option) Multi-file format import (option) Multi-touch functionality for tablet based operation (option) Safety Physical safety interlock plus key switch Audible & visible warning signs CE compliant		Histogram, Pan, Zoom, DeepFocus™ On-screen Measurement	
Safety Physical safety interlock plus key switch Audible & visible warning signs CE compliant		and Annotation (options) Materials Discrimination and 3D	
operation (option)         Safety         Physical safety interlock plus key switch         Audible & visible warning signs         CE compliant		Emboss (options) Image Stitching (option) Multi-file format	
Safety Physical safety interlock plus key switch Audible & visible warning signs CE compliant		import (option) Multi-touch functionality for tablet based	
Physical safety interlock plus key switch Audible & visible warning signs CE compliant		operation (option)	
Physical safety interlock plus key switch Audible & visible warning signs CE compliant			
Audible & visible warning signs CE compliant	Safety		
CE compliant		Physical safety interlock plus key switch	
		Audible & visible warning signs	
Certification & Codes		CE compliant	
NATO			
NATO Codification NSN 6350-99-306-9048	NATU	Codification NSN 6350-99-306-9048	